Altos II Terminal

ALTOS
COMPUTER SYSTEMS

Designed and engineered by Altos — the leader in multiuser microcomputer systems, the ALTOS II is a compact, state of the art intelligent terminal that provides high performance at low cost. The Altos II terminal's display and keyboard offer a variety of design features allowing the user to fully implement the advanced capabilities built into every Altos computer system as well as simplifying the functionality of applications software. The Altos II addresses the issue of ergonomics with outstanding human engineering features. This increased flexibility and ease of operations means increased productivity in any application.

General Description

- Standard typewriter edit and numeric keypads enhanced with 16/32 programmable function keys
- Choice of 80 or 132 characters per line
- Horizontal split screen capability
- Selectable double width and/or double height characters
- Detachable low profile keyboard
- Green phosphor display (P31)
- Auxiliary RS 232 port
- 25th display line selectable for status
- Built-in desktop calculator
- ANSI 3.64 compatibility

Features and Capabilities

Display

The display was designed to provide the maximum in ease of use for the operator. The display allows for tilting in order to accommodate individual operator preferences. In order to minimize eye strain, the terminal supports P31 green phosphor with selectable black characters on a green screen or green characters on a black screen.

The Altos II offers dual display formats:

25 rows by 80 or 132 characters or 40 rows by 132 characters. Display attributes include blinking, underscore, blank, dim reverse video. Smooth scrolling is supported in either the forward or reverse direction. In order to maximize the life of the terminal, a CRT saver feature is supported on all Altos II terminals. This feature allows for blanking of the screen after 15 minutes of non-use. However, by pressing any key, the previous display will automatically return.

Keyboard

The Altos II supports a low profile detachable keyboard with angle adjustments. The keyboard features a typewriter layout with a dedicated numeric keypad to perform calculator functions and fast numeric entry. All keys are designed for tactile feedback. The keyboard also supports 16/32 programmable function keys.

Communications

The Altos II terminal is the perfect complement to the capabilities built into every Altos microcomputer system with its 8 transmission baud rates from 110 to 19.2 K baud via a standard RS-232C interface. The printer port allows data transfer at rates between 110 and 19.2 K baud

Specifications

Screen

14" diagonal tiltable display
Direct-etched, non-glare screen
Contrast enhanced P31 (green) phosphor
Horizontal split screen capability
Bidirectional smooth or jump scrolling
3 Graphics character sets
Refresh rate — 50/60 Hz
Screen saver turns screen off after 15 minutes of inactivity

Character Attributes

128 character ASCII set
128 graphics
Selectable double-height/double-width characters
Hidden attributes
- — reverse video
- — blinking
- — underline
- — invisible
- — highlighting

Screen Format

800 × 325 resolution
24 rows × 80 columns (10 × 13 cells)
40 rows × 132 columns (6 × 8 cells)
Last row displays terminal status or is user programmable
Horizontal split screen — displays upper and lower window

Communication

Baud rate up to 19.2K baud
Auxiliary/Printer port
Communication modes
- — local
- — block
- — half duplex
- — full duplex

Keyboard Functions

Typewriter style layout
Detachable keyboard—low profile
16/32 programmable function keys
Numeric 10 key keypad
4 function calculator built-in
6 editing keys
5 cursor keys

Physical Characteristics

	CRT	Keyboard
Width	13.5"	19.5"
Height	13"	1.2"
Depth	12.5"	7 5"
Weight (lbs.)	20	4

Environmental and Safety Standards

Meets FCC docket 20780 Class A requirements
Designed to meet VDE requirements

Ambient temperature range	15–32°C 50–90°F
Relative humidity (non-condensing)	20–80%

Altos Computer Systems
2641 Orchard Parkway
San Jose, CA 95134
(408) 946-6700

Stock Number 304-A

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